

# **DYNAMIC CARGO HOOKS FOR AUTOMOTIVE VEHICLES**

## **Abstract**

A dynamic cargo restraint system has a stationary hook member mounted in a bezel for engagement with a second movable hook member that is stored in a second bezel. The movable hook member is attached to a cord that is engaged with a retraction mechanism housed within the corresponding wall of the cargo area to retract the cord for automatic storage when the movable hook member is not in use. The movable hook member can be threaded through the handles of grocery bags before being attached to the stationary hook member to support the grocery bags in an upright orientation. The hook members and the bezels can be formed in a variety of shapes, and are stored substantially flush with the walls of the cargo area. The stationary hook member can be pivoted within its bezel to project outwardly therefrom for engagement with the movable hook member.